===
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=6; day=13; hr=15; min=25; sec=24; ms=341;]
===

Application No: 10576818   Version No: 2.0

Input Set:

Output Set:

Started: 2008-05-19 15:00:43.205
Finished: 2008-05-19 15:00:46.811
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 606 ms
Total Warnings: 6
Total Errors: 0
No. of SeqIDs Defined: 6
Actual SeqID Count: 6

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)

<110>   INSTITUT CURIE
 CNRS
 MNHN
 INSERM

<120>   NUCLEIC ACID USEFUL FOR TRIGGERING TUMOR CELL LETHALITY

<130>   3665-177

<140>   10576818
<141>   2008-05-19

<160>   6

<170>   PatentIn version 3.3

<210>   1
<211>   32
<212>   DNA
<213>   artificial sequence

<220>
<223>   DRIL32, DRIL32po-PEG, DRIL32-PEG, DRIL32ss, DLIR32-T4, DRIL32-2xPEG,
        DRIL32-NH2, DRIL32-FITC, DRIL32-Cy3, DRIL32-Bt

<220>
<221>   misc_feature
<222>   (1)..(32)
<223>   DRIL32 : double stranded DNA with the three last nucleotides at
        the 5' and 3' ends of both strands with phosphorothioate backbone

<220>
<221>   misc_feature
<222>   (1)..(32)
<223>   DRIL32ss : single stranded DNA with the three last nucleotides
        at the 5' and 3' ends with phosphorothioate backbone

<220>
<221>   misc_feature
<222>   (1)..(32)
<223>   DRIL32-T4 : stem (1)..(32), a loop at (32) is a four thymines
        linker, the first three nucleotides at 5' end of the + strand and
        the last three nucleotides at 3' end of the - strand with
        phosphorothioate backbone

<220>
<221>   misc_feature
<222>   (1)..(32)
<223>   DRIL32po-PEG : stem (1)..(32) and a loop at (32) is
        hexaethyleneglycol linker

<220>
<221>   misc_feature

<222> (1)..(32)
<223> DRIL32-PEG : stem (1)..(32), a loop at (32) is hexaethyleneglycol
linker, the first three nucleotides at 5' end of + strand and the
last three nucleotides at 3' end of the − strand with
phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-2xPEG : stem (1)..(32), two loops at (1) and (32) are
hexaethyleneglycol linkers

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-NH2 : ds DNA with the first three nucleotides at 5' end of
the + strand and the last three nucleotides at 3' end of the −
strand with phosphorothioate backbone, and a NH2 group at the
3'end of the + strand and at the 5' end of the − strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-FITC: stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nucleotides at 5'end of +
strand and the last 3 nucleotides at 3'end of the − strand with
phosphorothioate backbone, FITC bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Cy3: stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nucleotides at 5' end of +
strand and the last 3 nucleotides at 3' end of the − strand with
phosphorothioate backbone, cy3 bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Bt: stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nucleotides at 5' end of +
strand and the last 3 nucleotides at 3' end of the − strand with
phosphorothioate backbone, Biot bound to nt (32) of the + strand

<400> 1
acgcacgggt gttgggtcgt ttgttcggat ct   32

<210> 2
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> DRIL24-PEG

<220>
<221> misc_feature
<222> (1)..(24)
<223> stem (1)..(24), a loop at (24) is hexaethyleneglycol linker, the
       first three nucleotides at 5' end of + strand and the last three
       nucleotides at 3' end of the − strand with phosphorothioate
       backbone

<400> 2
acgcacgggt gttgggtcgt ttgt   24

<210> 3
<211> 16
<212> DNA
<213> artificial sequence

<220>
<223> DRIL16-PEG

<220>
<221> misc_feature
<222> (1)..(16)
<223> stem (1)..(16), a loop at (16) is hexaethyleneglycol linker, the
       first three nucleotides at 5' end of + strand and the last three
       nucleotides at 3' end of the − strand with phosphorothioate
       backbone

<400> 3
acgcacgggt gttggg   16

<210> 4
<211> 8
<212> DNA
<213> artificial sequence

<220>
<223> DRIL8-PEG

<220>
<221> misc_feature
<222> (1)..(8)
<223> stem (1)..(8), a loop at (8) is hexaethyleneglycol linker, the
       first three nucleotides at 5' end of + strand and the last three
       nucleotides at 3' end of the − strand with phosphorothioate
       backbone

<400> 4
acgcacgg   8

<210> 5
<211> 32
<212> DNA

<213> artificial sequence

<220>
<223> DRIL32s33-PEG

<220>
<221> misc_feature
<222> (1)..(32)
<223> stem (1)..(32), a loop at (32) is
      hexaethyleneglycol linker, the first 3 nt at 5'end of + strand
      and the last 3 ntat 3'end of – strand with phosphorothioate
      backbone, the last nt at the 3'end of – strand with 3'-3'linkage

<400> 5
gctaggcttg tttgctgggt tgtaggcaca gc   32

<210> 6
<211> 64
<212> DNA
<213> artificial sequence

<220>
<223> DRIL64 and DRIL64-PEG

<220>
<221> misc_feature
<222> (1)..(64)
<223> DRIL64: double stranded DNA with the three last nucleotides at
      the 5' and 3' ends of both strands with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(64)
<223> DRIL64-PEG: double stranded DNA with the three last nucleotides at
      the 5' and 3' ends of both strands with phosphorothioate
      backbone, and an hexaethyleneglycol linker introduced between
      nucleotides (32) and (33) of both strands

<400> 6
acgcacgggt gttgggtcgt ttgttcggat ctacgcacgg tcgtttgttc ggtgttggcg   60

atct   64